

# Photon Path Density Strongly Correlates with Photon Intensity in Self-Interference: Inclusions

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Below is a complete list of peak distances for the attachment to my recent communication (<http://archive.org/details/PhotonPathDensity>). It includes the Bohmian Peak-2 distance, a four-digit Reconstructed Peak-2 entry, and sign change at Bohmian peak-0. A reference to Wiseman (2007) is also provided.

## Attachment

**Table** Location of fringe peaks in photon intensity at 7.7 m from the source within a split-beam interferometer versus density peaks in reconstructed and Bohmian path clusters.<sup>1</sup>

Fringe Intensity	Path Density	
	Reconstructed	Bohmian
<i>peak distance from optical center (mm)</i>		
-4.803	-4.951	-4.988
-3.178	-3.256	-2.909
-1.600	-1.498	-1.546
-0.040	-0.022	0.040
1.527	1.492	1.605
3.047	3.064	3.073
3.307	4.329	3.930

<sup>1</sup>Peak distances used to calculate correlations.

## Reference

Wiseman HM 2007 Grounding Bohmian mechanics in weak values and bayesianism.  
*New J. Phys.* **9**, 165. <http://dx.doi.org/10.1088/1367-2630/9/6/165>